

Chemical Name	Dicamba DGA
PC Code	128931
MRID	51017508
Guideline	835.6100

### Plot 1

Sample	Duration (min)	Concentration (ng/mL)
IRR.MO.T1.RO.A.1	11	428
IRR.MO.T1.RO.A.2	11	132
IRR.MO.T1.RO.A.3	11	161
IRR.MO.T1.RO.A.4	11	107
IRR.MO.T1.RO.A.5	11	57.7
IRR.MO.T1.RO.A.6	11	41.2
IRR.MO.T1.RO.A.7	31	28.5
IRR.MO.T1.RO.A.8	31	16.4
IRR.MO.T1.RO.A.9	61	10.8
IRR.MO.T1.RO.A.10	25	21.2
IRR.MO.T1.RO.B.1	11	465
IRR.MO.T1.RO.B.2	11	190
IRR.MO.T1.RO.B.3	11	92.2
IRR.MO.T1.RO.B.4	11	114
IRR.MO.T1.RO.B.5	11	71.7
IRR.MO.T1.RO.B.6	11	43.2
IRR.MO.T1.RO.B.7	31	35.9
IRR.MO.T1.RO.B.8	31	26.9
IRR.MO.T1.RO.B.9	61	16.8
IRR.MO.T1.RO.B.10	19	31.5
IRR.MO.T1.RO.C.1	11	377
IRR.MO.T1.RO.C.2	11	184
IRR.MO.T1.RO.C.3	11	95
IRR.MO.T1.RO.C.4	11	82
IRR.MO.T1.RO.C.5	11	50.6
IRR.MO.T1.RO.C.6	11	35.4
IRR.MO.T1.RO.C.7	31	37.9
IRR.MO.T1.RO.C.8	31	20.3
IRR.MO.T1.RO.C.9	61	13.1
IRR.MO.T1.RO.C.10	11	39.2

### Plot 2

Sample	Duration (min)	Concentration (ng/mL)
IRR.MO.T2.RO.A.1	11	432
IRR.MO.T2.RO.A.2	11	136
IRR.MO.T2.RO.A.3	11	64.6

	TWA ug/L
Plot 1	62.99
Plot 2	32.58

Volume (ft3)	Mass Loss (g)	Accumulative loss (g)	% of Applied	Average % Loss
0.26	0.00320	0.00320	0.003%	0.25%
3.16	0.01182	0.01502	0.011%	
7.42	0.03382	0.04885	0.032%	
12.77	0.03870	0.08754	0.037%	
16.64	0.02718	0.11473	0.026%	
17.79	0.02075	0.13548	0.020%	
55.05	0.04443	0.17991	0.043%	
60.01	0.02787	0.20777	0.027%	
91.59	0.02801	0.23579	0.027%	TWA conc 59.70
3.95	0.00237	0.23816	0.002%	FWA conc 31.30
			0.23%	
4.74	0.06238	0.06238	0.060%	
6.38	0.03435	0.09673	0.033%	
9.15	0.02388	0.12061	0.023%	
12.87	0.04156	0.16217	0.040%	
14.16	0.02876	0.19093	0.028%	
14.34	0.01754	0.20846	0.017%	
46.15	0.04692	0.25538	0.045%	
52.63	0.04009	0.29547	0.039%	
76.01	0.03616	0.33163	0.035%	TWA conc 68.78
6.28	0.00561	0.33723	0.005%	FWA conc 49.06
			0.32%	
2.07	0.02205	0.02205	0.021%	
5.13	0.02675	0.04880	0.026%	
6.09	0.01637	0.06517	0.016%	
7.63	0.01771	0.08288	0.017%	
10.14	0.01453	0.09741	0.014%	
11.3	0.01133	0.10874	0.011%	
38.03	0.04081	0.14955	0.039%	
46.41	0.02668	0.17623	0.026%	
49.59	0.01839	0.19462	0.018%	TWA conc 60.49
1.51	0.00168	0.19630	0.002%	FWA conc 38.96
			0.19%	

Volume (ft3)	Mass Loss (g)	Accumulative loss (g)	Average % Loss
2.29	0.02800	0.02800	0.027% 0.12%
3.87	0.01490	0.04290	0.014%
4.40	0.00806	0.05095	0.008%

FWA ug/L Duration hr

39.78	3.6
16.81	6

Plot	Rep	Irrigation			Mean	Stdev
		Applied (gal)	Runoff (gal)	% Runoff		
Control		9094	1885	20.7%		
Plot 1	A		2020	22.2%	19.0%	3.9%
	B	9094	1818	20.0%		
	C		1332	14.6%		
Plot 2	A		2341	16.1%	12.5%	3.2%
	B	14576	1706	11.7%		
	C		1436	9.9%		

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

IRR.MO.T2.RO.A.4	11	45.2
IRR.MO.T2.RO.A.5	11	33.5
IRR.MO.T2.RO.A.6	11	24.9
IRR.MO.T2.RO.A.7	31	20.2
IRR.MO.T2.RO.A.8	31	27.7
IRR.MO.T2.RO.A.9	61	12.9
IRR.MO.T2.RO.A.10	61	23.8
IRR.MO.T2.RO.A.11	61	7.41
IRR.MO.T2.RO.A.12	49	5.73
IRR.MO.T2.RO.B.1	11	352
IRR.MO.T2.RO.B.2	11	111
IRR.MO.T2.RO.B.3	11	83.2
IRR.MO.T2.RO.B.4	11	42.9
IRR.MO.T2.RO.B.5	11	32.7
IRR.MO.T2.RO.B.6	11	23.1
IRR.MO.T2.RO.B.7	31	19.8
IRR.MO.T2.RO.B.8	31	21.7
IRR.MO.T2.RO.B.9	61	17.6
IRR.MO.T2.RO.B.10	61	6.26
IRR.MO.T2.RO.B.11	61	3.45
IRR.MO.T2.RO.B.12	19	6.35
IRR.MO.T2.RO.C.1	11	362
IRR.MO.T2.RO.C.2	11	139
IRR.MO.T2.RO.C.3	11	85.8
IRR.MO.T2.RO.C.4	11	43.9
IRR.MO.T2.RO.C.5	11	35.5
IRR.MO.T2.RO.C.6	11	23.7
IRR.MO.T2.RO.C.7	31	29.6
IRR.MO.T2.RO.C.8	31	14.5
IRR.MO.T2.RO.C.9	61	8.55
IRR.MO.T2.RO.C.10	61	4.11
IRR.MO.T2.RO.C.11	61	4.93
IRR.MO.T2.RO.C.12	3	13.8

Data obtained from Table 14, p. 46, in the study report.

5.10	0.00653	0.05748	0.006%		
5.50	0.00522	0.06270	0.005%		
6.20	0.00437	0.06707	0.004%		
20.75	0.01187	0.07894	0.011%		
25.44	0.01995	0.09890	0.019%		
59.01	0.02156	0.12045	0.021%		
83.84	0.05651	0.17696	0.054%		
86.44	0.01814	0.19510	0.017%	TWA conc	34.87
9.95	0.00161	0.19671	0.002%	FWA conc	22.65
			0.19%		
0.45	0.00445	0.00445	0.004%		
1.00	0.00316	0.00761	0.003%		
2.37	0.00559	0.01320	0.005%		
3.37	0.00409	0.01729	0.004%		
3.68	0.00341	0.02070	0.003%		
4.14	0.00271	0.02340	0.003%		
15.14	0.00849	0.03189	0.008%		
21.59	0.01327	0.04516	0.013%		
57.45	0.02863	0.07379	0.028%		
70.30	0.01246	0.08625	0.012%		
46.98	0.00459	0.09084	0.004%	TWA conc	30.81
1.36	0.00024	0.09109	0.000%	FWA conc	14.21
			0.09%		
0.21	0.00216	0.00216	0.002%		
1.63	0.00641	0.00856	0.006%		
2.74	0.00666	0.01522	0.006%		
3.36	0.00417	0.01940	0.004%		
4.24	0.00426	0.02366	0.004%		
4.55	0.00306	0.02671	0.003%		
17.56	0.01472	0.04143	0.014%		
22.04	0.00905	0.05048	0.009%		
46.78	0.01133	0.06180	0.011%		
58.61	0.00682	0.06863	0.007%		
29.67	0.00414	0.07277	0.004%	TWA conc	32.07
0.33	0.00013	0.07290	0.000%	FWA conc	13.6
			0.07%		

ug/L  
ug/L

ug/L  
ug/L

ug/L  
ug/L